



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT  
Docket No.: 201040202016534/1 Box  
seq  
**RECEIVED**

JUN 29 2001

TECH CENTER 1600/2900

Applicant(s) : Alam et al.

Serial No. : 09/455,978

Cnfrm. No. : 5811

Filed : December 6, 1999

For : HEME PROTEINS HEMAT-*HS* AND  
HEMAT-*BS* AND THEIR USE IN  
MEDICINE AND MICROSENSORSExaminer:  
H. SchnizerArt Unit:  
1653Assistant Commissioner for Patents  
Washington, D.C. 20231**Box: Sequence**

Sir:

Transmitted herewith is a Preliminary Amendment (4 pages) with attached Appendix (3 pages) in the above-identified application. Also enclosed are:

- ☒ Request for Two-Month Extension of Time (in duplicate).
- ☒ Statement in Accordance with 37 C.F.R. § 1.821(g), Sequence Listing (38 pages), and computer readable 3.5" Diskette.
- ☒ A copy of the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures.
- ☒ Applicants claim small entity status. (See 37 CFR 1.27.)
- ☒ A self-addressed, prepaid postcard for acknowledging receipt.
- ☒ The fee has been calculated as shown below:


(Col. 1)		(Col. 2)		(Col. 3)	a) SMALL ENTITY	ADD'L FEE
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR		PRESENT EXTRA	b) LARGE ENTITY	
TOTAL	63	MINUS	61	+ 2 x	a) \$ 9= b) \$18	\$ 18.00
INDEP	6	MINUS	6	+ 0 x	a) \$40= b) \$80	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					See fee Schedule	\$
<input checked="" type="checkbox"/> Extension of Time Fee (2 Months)						195.00
TOTAL						\$ 213.00

[X] A check for \$213.00 is enclosed to cover the above fees.


[X] The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 14-1138.

**A duplicate copy of this sheet is enclosed.**

Date: June 21, 2001

  
Edwin V. Merkel  
Registration No. 40,087

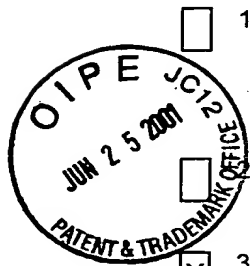
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<b>Certificate of Mailing - 37 CFR 1.8(a)</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231 on the date below.	
6/21/01	
Date	Jo Ann Whalen

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):



- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: \_\_\_\_\_

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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